

Date: Sat, 22 Jan 94 16:08:17 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #65
To: Info-Hams

Info-Hams Digest Sat, 22 Jan 94 Volume 94 : Issue 65

Today's Topics:

 AMIGA software for BAYCOM modems
 Are there any RS232C cards for PCMCIA?
 ARLX003 Girl Scout Thinking Day
 Best logging program?
 Daily Summary of Solar Geophysical Activity for 19 January
 Gin Pole Dealers???
 IOTA frequencies wanted
 LA Comms
 subscribe
 What could this mean? (Pac Bell residential rates)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 21 Jan 1994 07:48:00 GMT
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!xlink.net!zib-berlin.de!
netmbx.de!Germany.EU.net!EU.net!sun4nl!tuegate.tue.nl!blade.stack.urc.tue.nl!
philip@network.ucsd.edu
Subject: AMIGA software for BAYCOM modems
To: info-hams@ucsd.edu

Hi,

For a friens of mine I am searching for a programm to control a baycom modem
with an Amgiga 2000. Does anybody know where (on which ftp-site) such a
programm will be?

Hope to hear some positive reactions, please mail them directly to:

Philip@stack.unc.tue.nl

Thanx, 73

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-----
Publ: Philip@blade.stack.unc.tue.nl           My .sig is not on request only!
PE1PCP and operator on PI5EHV & PI4TUE       .--. . .---- .--. --. .--.
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Date: Wed, 19 Jan 1994 17:29:25
From: swrinde!cs.utexas.edu!howland.reston.ans.net!europa.eng.gtefsd.com!
MathWorks.Com!transfer.stratus.com!xylogics.com!bubba.xylogics.com!
burba@network.ucsd.edu
Subject: Are there any RS232C cards for PCMCIA?
To: info-hams@ucsd.edu
```

In article <KITAGAWA.94Jan19172922@qed.laser.ee.es.osaka-u.ac.jp>
kitagawa@ee.ES.Osaka-U.AC.JP (Masahiro KITAGAWA) writes:

>I am going to buy a laptop or sub-note with only one serial port. But
>I need two or even three serial ports in the future. Are there any
>RS232C cards for PCMCIA slot? I know there are fax/data modem cards
>and Ethernet cards. But so far I couldn't find any serial port card.
>If you know, please tell me the model, price, dealer, spec, etc.

>I'm also looking for PCMCIA Ethernet cards for 10base-2 (Coax)
>[NOT 10base-T].

Check with Socket Communications, 2501 Technology Drive, Hayward CA 94545
Voice 510.670.0300 FAX 510.670.0333

I seem to remember something in one of their flyers about PCMCIA serial ports.
I know they have ethernet cards that are NE2000 compatible. I am using two of
them. They have a combo card that does 10base-T and 10base-2.

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=====
Terry Burba, CNE                                burba@xylogics.com
Applications Engineer                           CIS      72234,2454
Xylogics Technical Support                     617-272-8140 x238
=====
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Date: 21 Jan 1994 19:10:24 GMT
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From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!cs.utexas.edu!
swrinde!emory!news-feed-2.peachnet.edu!concert!inxs.concert.net!rock.concert.net!
mikewood@network.ucsd.edu
Subject: ARLX003 Girl Scout Thinking Day
To: info-hams@ucsd.edu

In article <\$arlX003.1994@ampr.org>, Luck Hurder KY1T <lhurder@arrl.org> wrote:

>SB SPCL @ ARL \$ARLX003
>ARLX003 Girl Scout Thinking Day
>
>ZCZC AX35
>QST de W1AW
>Special Bulletin 3 ARLX003
>From ARRL Headquarters
>Newington CT January 17, 1994
>To all radio amateurs
>
>SB SPCL ARL ARLX003
>ARLX003 Girl Scout Thinking Day
>
>THE GIRL SCOUT'S THINKING DAY IS FEBRUARY 22. GIRL SCOUTS AND GIRL
>GUIDES THE WORLD OVER USE THINKING DAY TO REFLECT ON INTERNATIONAL
>FRIENDSHIP AND WORLD PEACE. WHY NOT CONTACT YOUR LOCAL GIRL SCOUT

And PLEASE whatever you do, DO NOT THINK on any other day of the year.
February 22 has been exclusively reserved for thinking. ;-)

Date: 19 Jan 1994 22:39:40 GMT
From: iris.mbvlab.wpafb.af.mil!edfue0!engberg@uunet.uu.net
Subject: Best logging program?
To: info-hams@ucsd.edu

I've been using Microsoft WORKS for logging. It has Database, Spreadsheet, and Wordprocessor. The Wordprocessor easily prints labels with all the pertinent info needed for a QSL card. The Spreadsheet is nice to use for a checklist of countries/states worked.

The advantage of using a DB manager like this is that you can roll your own. If you want a report of all stations worked in 1990, or all contacts except US, or all 3Y contacts on all bands, these are easy to produce.

A side advantage is that you learn to do other things with your computer.

73,

Bob Engberg

19 JANUARY, 1994

(Based In-Part On SESC Observational Data)

NOTE: The Effective Sunspot Number for 18 JAN 94 was 47.8.
The Full Kp Indices for 18 JAN 94 are: 3+ 3+ 3o 3- 5o 5- 3o 3-

SYNOPSIS OF ACTIVITY

Solar activity was low. Region 7654 (N11E32) was responsible for two C4/SF flares with associated weak radio emissions. The region has shown some penumbral decay in the north while generally maintaining its overall size and spot number. Inversion line analysis indicates a beta-delta magnetic configuration. Region 7652 (N06E18) has been very stable this period.

Solar activity forecast: solar activity is forecast to be low with C and possible M-class flaring expected from 7654.

STD: A moderate amount of shear continues to exist near the delta configuration in 7654. Shear may have weakened slightly over the last 24 hours. A Yohkoh xray image for 19 January (01:00 UTC) has been appended to this report showing the large area of x-rays emitted near Region 7654, as well as several coronal hole features.

At middle latitudes, the geomagnetic field has been at quiet to minor storm levels for the past 24 hours. At higher latitudes, levels ranged from unsettled to major storm. The storming is believed to be coronal hole related.

Geophysical activity forecast: the geomagnetic field is expected to be mostly unsettled to active for the first two days. Mostly active to some minor storming is expected for day three due to a new favorably positioned coronal hole.

Event probabilities 20 jan-22 jan

Class M	25/25/25
Class X	05/05/05
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 20 jan-22 jan

A. Middle Latitudes

Active	30/35/50
Minor Storm	20/25/35
Major-Severe Storm	01/05/10

B. High Latitudes

Active	35/40/55
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Minor Storm 20/30/40
Major-Severe Storm 05/10/15

HF propagation conditions have changed very little over the last 24 hours. High and polar latitudes continued to see periods of moderate signal degradation due to sporadic bursts of geomagnetic and auroral activity. Some of these degradations were observed migrating into the upper middle latitude night-sectors. Conditions showed minor improvement near the end of the UTC day, although this will likely be short-lived. A well-placed coronal hole is now near the central solar meridian and is expected to sweep another disturbance past the Earth on about 22 January. This should result in poor to very poor propagation for high and polar latitude paths, and good to occasionally poor propagation for the middle latitudes. Low latitudes should continue to see near-normal propagation. The most heavily affected paths will be night-sector transpolar and transauroral circuits.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 19/2400Z JANUARY

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7652	N04E18	219	0120	CSO	05	003	BETA	
7654	N08E32	204	0570	DKC	09	016	BETA-DELTA	
7655	S07W63	300					PLAGE	
7656	S22W23	260					PLAGE	

REGIONS DUE TO RETURN 20 JANUARY TO 22 JANUARY

NMBR LAT LO
NONE

LISTING OF SOLAR ENERGETIC EVENTS FOR 19 JANUARY, 1994

A. ENERGETIC EVENTS:

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
NONE									

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 19 JANUARY, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
NO EVENTS OBSERVED								

INFERRED CORONAL HOLES. LOCATIONS VALID AT 19/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS									
	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
57	N18W06	S22W11	S10W13	N18W06	254	ISO	NEG	004	10830A
58	N37E87	S12E66	N08E47	N37E87	176	ISO	POS	029	10830A
59	S61W12	S61W12	S10W52	S00W45	279	EXT	NEG	041	10830A

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
18 Jan:	0044	0124	0208	C1.7						
	0417	0424	0431	C2.8						
	1103	1109	1113	C1.1						
	1128	1135	1142	C1.2						
	1603	1617	1625	B8.6	SF	7654	N08E47			
	1925	1930	1938	B4.7						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Region 7654:	0	0	0	1	0	0	0	0	001	(16.7)
Uncorrelated:	4	0	0	0	0	0	0	0	005	(83.3)

Total Events: 006 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
18 Jan:	0417	0424	0431	C2.8				III

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

South

Units used are arbitrary, for illustrative purposes. Get "showasc.zip" from "pub/solar/Software" at the anonymous FTP site: ftp.uleth.ca (IP # 142.66.3.29) to view these images on VGA screens. Remove all but the image data before typing "showasc filename".

Bob Engberg
phone: 907-552-7172
e-mail: engberg@ctis.af.mil
packet: KOMVL@KL7AA
snail: Science Applications International Corp.
911 W. 8th Ave., Suite 401
Anchorage, AK 99501

I'm looking for the so called IOTA frquencies. Could one who

knows them point me to those qrg's?

Thomas, DL5ATP

--

Thomas Planke
Technical University of Ilmenau

Planke@Systemtechnik.TU-Ilmenau.DE
Phone: +49 3677/69-1465

Date: 19 Jan 1994 16:31:17 GMT
From: korie!newscast.West.Sun.COM!abyss.West.Sun.COM!sunspot!myers@decwrl.dec.com
Subject: LA Comms
To: info-hams@ucsd.edu

In article <1994Jan19.154907.17558@rsg1.er.usgs.gov> bodoh@dggs.cr.usgs.gov (Tom Bodoh) writes:

>I saw a news story where the announcer was suprised to find that cellular
>phone service was disrupted as well. People tend to forget that the
>cellular system must tie into (and depend on) the land-line phone system
>as well as power and is no more reliable than the land-line phone system...

The couple of cell sites I've been to had backup generators that start
when power is disabled, or a big battery.

--

* Dana H. Myers KK6JQ, DoD 466 | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* This Extra supports the abolition of the 13 and 20 WPM tests *

Date: 22 Jan 94 19:43:09 GMT
From: news-mail-gateway@ucsd.edu
Subject: subscribe
To: info-hams@ucsd.edu

Please send E mail to dy794@cleveland.freenet.edu
I am an AMSAT Life Member. Tnx

--

de Bob, W2THU

Date: 22 Jan 1994 01:07:46 GMT
From: src.dec.com!src.dec.com!horak@decwrl.dec.com
Subject: What could this mean? (Pac Bell residential rates)

To: info-hams@ucsd.edu

The SF Chronicle article is a bit misleading.

Pacific Bell will offer a residence-tariffed line to anyone operating an Amateur Radio repeater with a phone line used for autopatch, even if the phone line is located in an obviously non-residential location.

This saves you ~\$1.17/mo on the "Interstate Access Charge", and gives you unlimited zone 1 & 2 dialing if you order a flat-rate line. Business service does not have a flat-rate tariff, so you pay for all local calls.

Most business offices don't know about this. I just converted two phone lines that I'm responsible for, and went through a fun maze of employees to get it done. One of the major players is currently swamped with LA quake stuff, but email me directly if you have a repeater and want more info about how to go about getting this type of service.

GTE also offers this service anywhere in the US, but I don't have any experience with them in this regard.

--Brad Horak N6BDE

Date: 19 Jan 1994 16:13:22 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
math.ohio-state.edu!news.acns.nwu.edu!casbah.acns.nwu.edu!rdewan@network.ucsd.edu
To: info-hams@ucsd.edu

References <Anthony_Pelliccio-180194095831@138.16.64.8>,
<Charles.R.Hohenstein.1-180194124857@mac22.hesburgh.lab.nd.edu>,
<2hi58r\$kc@apple.com>
Subject : Re: Global Alert For All: Jesus is Coming Soon

In article <2hi58r\$kc@apple.com>, Kok Chen <kchen@apple.com> wrote:
>Charles.R.Hohenstein.1@nd.edu (Charles R. Hohenstein) writes:

>

>>In article <Anthony_Pelliccio-180194095831@138.16.64.8>,

>>Anthony_Pelliccio@brown.edu (Tony Pelliccio) wrote:

>>> >

>>> Can I ask a question? Did you actually sit there and post this to every

>>> single Usenet group? Enough of your wahoo bs... take this to a more

>>> appropriate forum since this is for amateur radio. Who knows, maybe one day

>>> a Ham will have a QSO with God himself.

>>>

>>Yes, but would this QSO be voice or CW?

>

>
>QLL? Can you send in Latin?
>QLL Please use Latin.

And I thought QSL meant 'Please use Latin?' No wonder I have been having difficulties.

CW ad extremum.

Rajiv
aa9ch
r-dewan@nwu.edu

Date: 22 Jan 94 21:04:21 GMT
From: ogicse!cs.uoregon.edu!sgiblab!sdd.hp.com!hpscit.sc.hp.com!
rkarlqu@network.ucsd.edu
To: info-hams@ucsd.edu

References <2hk0r2\$khht@dartvax.dartmouth.edu>, <2hp6ct\$3h6@hpscit.sc.hp.com>,
<ep588deb-220194003025@davebmac.pts.mot.com>
Subject : Re: Low Power VCO

In article <ep588deb-220194003025@davebmac.pts.mot.com>,
David Bengtson <ep588deb@pts.mot.com> wrote:

>Any Particular reason you picked the MRF-931? We've been using MRF941's in
>even lower power applications, and getting what we consider good results.

The MRF-931 is optimized for low currents. It still has good gain and f-sub-t down to .1 mA. This should allow a larger current swing than the 941, which has little gain at .1 mA. You want to approach a swing of 4 mA. peak to peak when using 2 mA. DC collector current for maximum efficiency. To do this, you need to get as close to 0 mA. as possible.

For "normal" uses, we love the MRF941. We use it (actually the SMT version MRF9411L) practically "everywhere" in RF circuits. Just watch what you hang on the base so it doesn't take off at 3 GHz! The MRF931 is more "idiot proof" in this respect.

Rick Karlquist N6RK
rkarlqu@scd.hp.com

Date: Wed, 19 Jan 1994 16:34:33 GMT

From: olivea!sgigate.sgi.com!sgiblab!swrinde!cs.utexas.edu!howland.reston.ans.net!
darwin.sura.net!fconvx.ncifcrf.gov!mack@decwrl.dec.com
To: info-hams@ucsd.edu

References <Anthony_Pelliccio-180194095831@138.16.64.8>,
<Charles.R.Hohenstein.1-180194124857@mac22.hesburgh.lab.nd.edu>,
<2hi58r\$kcp@apple.com>nvx
Subject : Re: Global Alert For All: Jesus is Coming Soon

In article <2hi58r\$kcp@apple.com> kchen@apple.com (Kok Chen) writes:
>Charles.R.Hohenstein.1@nd.edu (Charles R. Hohenstein) writes:
>
>>In article <Anthony_Pelliccio-180194095831@138.16.64.8>,
>>Anthony_Pelliccio@brown.edu (Tony Pelliccio) wrote:
>>> >
>>> Can I ask a question? Did you actually sit there and post this to every
>>> single Usenet group? Enough of your wahoo bs... take this to a more
>>> appropriate forum since this is for amateur radio. Who knows, maybe one day
>>> a Ham will have a QSO with God himself.
>>>
>>Yes, but would this QSO be voice or CW?
>
>
>QLL? Can you send in Latin?
>QLL Please use Latin.
>
>
>LXXIII,
>
>Kok Chen, AA6TY kchen@apple.com
>Apple Computer, Inc.

There is an Andrew's college in the 616 area. I left a message with
the Presidents secretary - they're closed for the day (cold weather), telling
her of Clarence Thomas. I'll call again tomorrow. In the mean time the
phone number for the president of Andrew's College in Berrian Springs is
(616)-471-3100

Joe NA3T
Joseph Mack
mack@ncifcrf.gov

End of Info-Hams Digest V94 #65

